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REPORT

25X1

CD NO.

COUNTRY

East Germany/Russia

DATE DISTR. 18 March 1954

SUBJECT

Russian Requirements for Highly-Polished Stainless Steel Plate

NO. OF PAGES 2

**PLACE
ACQUIRED**NO. OF ENCLS.
(LISTED BELOW)

DATE OF INFO.

SUPPLEMENT TO
REPORT NO. 25X1

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PROMSYRIOIMPORT, Moscow 200, Smolenskaya Square 32, has announced that it is in the market for highly-polished, stainless steel plate. Procurement will be attempted in a Western country. The following specifications are desired:

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- a) Highly polished, stainless steel plate, type "JA2", of the following measurements and in the following amounts:

Dimensions in
millimeters

Amounts in
tons

2 x 750 x 1100
2 x 600 x 750
2 x 600 x 1100
2 x 1500 x 1000

4
2
3
6

1.5 x 1000 x 1500
1.5 x 1000 x 1100
1.5 x 900 x 1100
1.5 x 900 x 1500

12
4
4
5

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- b) Specifications for highly-polished, stainless steel plates. Type "JA2" for use as intermediate layers in the pressing of electro-insulating plates (bei Pressen von Elektroisolierblechen):

- i) Chemical composition of Type JA2 steel:

C 0.15-0.25%	Si max 0.8%
Cr 17-20%	S max 0.030%
Ni 8-11%	P max 0.035%
Mn max. 2%	

- ii) The dimensions of the plates must follow the above specifications exactly.

- iii) The plates must be of the same strength with a variation

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- of 1.0 mm to minus 1.0 millimeter at all points of each sheet.
- iv) Both sides of the sheets must be highly polished (Hochglanzpolierung). No defects may exist on the surface of the sheets.
 - v) The edges of the plates must be equally cut. The front of the plates must be free of ridges and curves. Distortion of the plates is not permissible.
 - vi) Mechanical qualities:
 - Tensile strength, minimum 77 kg/mm^2
 - Expansion, minimum 2%
 - Hardness of metal according to Brinell test, 117-200 (with a load of 1,000 kg and a ball of 10mm).
 - vii) The plates must not corrode at a temperature of 150-180° C when pressed with a mass of paper and alcohol-formaldehyde.
 - viii) The plates must not rupture (zerbrochen) when clamped at one end.
 - ix) A certificate for each part of the shipment must be made, containing the following data:
 - a) Order, transport and specification number
 - b) Name and trade mark of the manufacturer
 - c) Steel type
 - d) Charge number
 - e) Dimensions
 - f) Weight of the delivery
 - g) Chemical analysis
 - h) Results of all tests
 - x) The following must be noted on all plates: Type of steel, dimensions, charge number, trade mark of the producer.
 - xi) The plates must be carefully packed in wooden boxes suitable for sea and rail shipment so that they arrive in good condition.

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